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U.S.PTO MICHAEL D. PARKER  
(REG. PATENT AGENT)

ADMITTED IN MARYLAND  
ADMITTED IN VIRGINIA  
ADMITTED IN NEW YORK  
ADMITTED IN CONNECTICUT  
ADMITTED IN NEW JERSEY  
NOT ADMITTED IN D.C.

## R. E. BUSHNELL

ATTORNEY AT LAW

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UNITED STATES OF AMERICA

4 March 2004

## INTELLECTUAL PROPERTY LAW

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- U.S. Postal Service
- Via Local Courier
- Via International Courier
- Via Facsimile No. \_\_\_\_\_
- Via E-Mail Attachment
- Please Acknowledge Receipt

Mail Stop : Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Sir:

Attorney Docket: P57016

Submitted herewith is the following patent application:

**Inventor:**      1) SU-JIN HAN      2) CHANG-SEOB KIM  
                      3) YOON-TAI KWAK      4) SOO-YOUN MAENG  
                      5) JU-HYUNG KIM

**Title:**      **SECONDARY BATTERY**

Please find attached hereto an application for patent which includes: Specification and Abstract, Claims, formal drawings, original Declaration and Power of Attorney, Assignment, Information Disclosure Statement and certified copy of foreign priority document identified below:

Verified Showing of Small Entity Status: **NO**

Drawings: Formal drawings, 7 sheets, Figures 1 through 10

Claim of priority under 35 U.S.C. §119: **YES**

\*\* The Republic of Korean Application No. 2003-32251 filed on 21 May 2003.

**FEE (see formula below): CHECKS ARE ENCLOSED (#45374 & #45375)**

**Basic Fee \$385/770 .....** **\$770.00**

### Additional Fees:

Total number of claims in excess of 20: 17 times \$9/18 .....

**\$306.00**

Number of independent claims in excess of 3:    times \$43/86 .....

**\$0.00**

Multiple Dependent Claims \$145/290 .....

**\$0.00**

An Assignment is likewise enclosed: Recording Fee \$40 .....

**\$40.00**

Filing Non-English specification .....

**\$0.00**

**TOTAL FEES FOR THE ABOVE APPLICATION .....** **\$1,116.00**

17548 U.S.PTO  
10/791854

030404

**Inventor:**      **1) SU-JIN HAN**      **2) CHANG-SEOB KIM**  
**3) YOON-TAI KWAK**      **4) SOO-YOUN MAENG**  
**5) JU-HYUNG KIM**

**Title:**      **SECONDARY BATTERY**

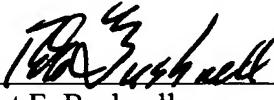
Assistant Commissioner is authorized to charge our Deposit Account No. 02-4943 for any additional charges necessary towards payment of the filing fee for the above-referenced application. Please notify the undersigned attorney of any transaction regarding our Deposit Account.

In view of the above, it is requested that this application be accorded a filing date pursuant to 37 CFR 1.53(b).

Please address all correspondence to:

Robert E. Bushnell  
1522 K Street, N.W.  
Suite 300  
Washington, D.C. 20005

Respectfully submitted,

  
\_\_\_\_\_  
Robert E. Bushnell  
(Registration No. 27,774)  
Payor No.: 008-439  
Attorney for the Applicant  
1522 K Street, N.W.  
Suite 300  
Washington, D.C. 20005

Telephone: (202) 408-9040  
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REB/rfc

43281  
030404  
U.S. PTO

FEE TRANSMITTAL

Patent fees are subject to annual revision.

## Complete If Known

Application Number	to be assigned
Filing Date	4 March 2004
First Named Inventor	SU-JIN HAN
Examiner Name	to be assigned
Group/Art Unit	to be assigned

TOTAL AMOUNT OF PAYMENT (\$ 1,116.00) Attorney Docket No. P57016

## METHOD OF PAYMENT (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

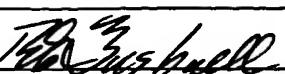
## FEE CALCULATION (continued)

Deposit Account Number: 02-4943  
Deposit Account Number: \_\_\_\_\_ Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17. Applicant claims small entity status. See 37 CFR 1.272.  Payment Enclosed:  
(CHECK #45374 & #45375) Check  Credit Card  Money Order  Other

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge-late filing fee or oath	\$
1052	50	2052	25	Surcharge-late provisional filing fee or cover sheet	\$
1053	130	1053	130	Non-English specification	\$
1812	2,520	1812	2,520	For filing a request for reexamination	\$
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	\$
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	\$
1251	110	2251	55	Extension for reply within first month	\$
1252	420	2252	210	Extension for reply within second month	\$
1253	950	2253	475	Extension for reply within third month	\$
1254	1,480	2254	740	Extension for reply within fourth month	\$
1255	2,010	2255	1,005	Extension for reply within fifth month	\$
1401	330	2401	165	Notice of Appeal	\$
1402	330	2402	165	Filing a brief in support of an appeal	\$
1403	290	2403	145	Request for oral hearing	\$
1451	1,510	1451	1,510	Petition to institute a public use proceeding	\$
1452	110	2452	55	Petition to revive - unavoidable	\$
1453	1,330	2453	665	Petition to revive - unintentional	\$
1501	1,330	2501	665	Utility issue fee (or reissue)	\$
1502	480	2502	240	Design issue fee	\$
Total claims	37	-20** =	17	x 18.00 = 306.00	
Independent Claims	3	-3** =	0	x 86.00 = 0.00	
Multiple Dependent				=	
** or number previously paid, if greater; For Reissues, see below					
Large Entity	Small Entity				
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1201	86	2201	43	Independent claims in excess of 3	
1202	18	2202	9	Claims in excess of 20	
1203	290	2203	145	Multiple dependent claim, if not paid	
1204	86	2204	43	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2) (\$ 306.00)				** Reduced by Basic Filing Fee Paid	SUBTOTAL (3) \$ 40.00

## SUBMITTED BY

## Complete (if applicable)

Typed or Printed Name	Robert E. Bushnell, Esq.			Reg. Number	27,774
Signature		Date	4 March 2004	Deposit Account User ID	

REB/rfc

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

SU-JIN HAN et al.

Serial No.: *to be assigned*

Examiner: *to be assigned*

Filed: 4 March 2004

Art Unit: *to be assigned*

For: SECONDARY BATTERY

**TRANSMITTAL OF DECLARATION**

**Mail Stop : Patent Application**

Commissioner for Patents

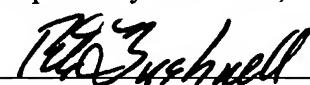
P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

This transmittal accompanies the original Declaration for the above-referenced application.

Respectfully submitted,

  
\_\_\_\_\_  
Robert E. Bushnell,  
Attorney for the Applicant  
Registration No.: 27,774

Suite 300, 1522 "K" Street, N.W.  
Washington, D.C. 20005  
(202) 408-9040

Folio: P57016  
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I.D.: REB/rfc